

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: wa5whn@ix.netcom.com (Jay Miller)  
Subject: [6130] "Ham Radio & More"  
Message-ID: <199603251912.LAA21533@ix2.ix.netcom.com>

Fellow QRP Enthusists,

It has come to my attention that Paul Harden, NA5N (pharden@aoc.nrao.edu) will be on Len Winkler's "Ham Radio & More Show" scheduled for April 21, 1996. The subject: QRP & possibly "NorCal QRP To The Field", plus other items that maybe of interest.

<http://www.tapr.org/hrm/hrm.html>

The above URL will tell You about Len Winkler, KB7LPW (lenwink@indirect.com) & when the Show can be heard, either via the Internet or Shortwave or on the BC bands.

Thanks Len for allowing Paul NA5N to participate in Your' Show. Let's all listen to hear what Paul has to say. I think Paul will only be on for approximately 6 minutes, then KY1T, Mr. Luck Hurder will be interviewed by Len.

72...Jay, WA5WHN, Albuquerque, NM

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Bernard Seront <seront@seism1.ess.sunysb.edu>  
Subject: [6113] (again)Re: Calibrator/external marker source for Argonaut  
Message-ID: <2.2.32.19960325143740.0073fe5c@seism1.ess.sunysb.edu>

At 03:18 PM 3/22/96 -0800, W. Dennis Zeares wrote:

I already sent this message but didn't see it on the list (yes my options are set correctly for that), and something weird happened with my mail server, so sorry if it is the second time.

>I need a crystal calibrator or some type

There is one described in the current issue of 73 (March 96).

Another simple schematic was proposed on this list, look in the archive 950720.

As a follow up, I found a 20.000000 MHz crystal this week end. The article in 73 uses a 10.000000 MHz, I will try to add one more division by 2 and see what happens, any contra-indications?

Bernard, KB2TGH.

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Bernard Seront, seront@seism1.ess.sunysb.edu  
http://rock.ess.sunysb.edu:8080/

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [6142] Adventures in QRPp  
Message-ID: <Pine.3.89.9603251739.A2588-0100000@w3eax.umd.edu>

Yesterday, I got brave and put the Hustler mast and 20m resonator on the roof of the car, and took out my OHR EX II 20 and battery, keyer, WM-1, paddles, and audio amp/speaker/powerstrip combo. Yes, a lot of boxes, but all small fortunately.

In a few hours of trying to get through, and then realizing that my offset MUST be off from its usual 700 Hz, I finally got through to someone. Guess the offset was OK after all...

Then worked into Louisiana, and worked K5DQ in Texas for 15 minutes, and then K4BCK in Miami, FL for 20 minutes before the path abandoned us.

By 7 p.m., I was hearing W6RGG at what must've been 40 over S9. Of course, he was in mid-QSO for a good solid half-hour, and I was getting cold, and the dogs were begging to get outside.

Output power during this odyssey: 700 milliwatts.  
Antenna used during this setup: Hustler 20m whip on my car roof @ 5'.  
Excitement factor: HUGE - so bad I had trouble sending properly; plus I had to reach over the console to the passenger's seat (ouch).

\* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 \*  
\*\*\* VHF @ <25w, HF @ <5w \*\*\* Save a cake, pound BRASS instead \*\*\*  
\* 138 cfd with dipoles \* QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC \*  
\* 301-549-1022 h / 301-982-1015 w \* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: wdzeares@rockdal.aud.alcatel.com  
Subject: [6124] Alaska Anyone????  
Message-ID: <9603251804.AA02232@aud.alcatel.com>

Did anyone get Alaska over the weekend in the QSO party?

72 dennis K3ETS

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "Norman E. Fink" <norm@uu1238.flowerslabs.com>  
Subject: [6137] Altoids -A Coincidence?  
Message-ID: <9603251939.AA12354@flowerslabs.com>

QRPers All,

I've been contemplating building a 40-9er for the last month or so, but wasn't sure if I should do it or not.

Now I know!!!

One of my sons just walked up and asked me to try one of the mints he had just bought. Guess what kind it was...

That's right, it was an Altoid!

Yes, he said I could have the tin when he finishes the mints.

Norm, K2NF

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: NYOUNG@nova.wright.edu  
Subject: [6149] Antenna wire, wire wire & too much reading material...  
Message-ID: <01I2RKIJSL608WW9MJ@nova.wright.edu>

Ok, first off, my favorite toss-it-in-the-tree-and-see-if-it-works antenna wire -- at least for camping or pulling the car into a spot looking out at Lake Ontario (or Blue Ponds Lakes up in NFLD) is good ol' probe wire. I got a huge chunk of it some time back and have used it to make all kinds of antennas. I have a chunk of it with a banana plog on it that I can use with the tuner when I'm playing "let's see if the radio will work here" with the Argosy. But that brings up another point. However, before I digress:

If you can find some of that slippery feelin' probe wire, the slippery-feelin' insulation will give it enough strength to hole some up in a tree and it'll be slippery enough to get back out of the limbs when you're ready to run from the revenuers. The stuff I have is white insulation...

So, there's this digression, see? I was looking for the appropriate reading material lately and fell upon the almost 1/4 shelf of SPRATs and QRPps and Hambrews & such magazinelettes that I have in the office. I grabbed a handful of each and went off to the reading room. After about three SPRATs, a couple QRPps and one Hambrew, I was all set to run out and see if all that stuff on the bench covered with VLF junk still worked. Much to my joy and surprise (given the way I do things [or better, wreck things]) the Argosy still worked and the TR7 still picked up that one Brazilian station in Curitiba that's run by the Paulist Order. And no, that ain't the Obsidian Order. Them is on Star Trek. The Paulists are a religious order, as in Roman Catholic or something. Anyway...

I called and listened and called and listened and listened and listened and listened and called. A-la: stagger stagger crawl crawl. Crawl stagger stagger crawl. I heard lots of folks. VE10K (Boots, I think his name is, up in Sidney, NS) was on loud and clear. No contact. A ZS was on for a while. Him and A PZ and a PT and a couple PYs. And J39 was working a pile-up on 30 for a while. But not one of 'em heard me. Not even at 50 w.

The only contact I got was when I checked the antenna tuner that's hooked to the TR7. Then I had a short QSO on 30 with a fella in Biloxi, MS. Carl was getting back on the air again after a spate of not, kinda like me. And that was it. It had to be. I needed more reading material.

So maybe that's what I need to do. Read more stuff about radios. It sure inspires me to think that folks are playing radio out of Altoid boxes and havin' more fun than I am with postmodernist composition theory and the politics of experience. Say that fast three times. (Hint: If you can, apply for a PhD program and learn how to bs your way through life for fun and profit. And when they hand you the degree, don't be surprised if they don't ask "Do you want fries with that?")

How come radios don't get bitter, mommy?

73  
Nils  
WB8IJN +c

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Jim Lowman <jlowman@iepsnet.com>

Subject: [6096] Any CW/QRP/DX/contest clubs in SoCal?  
Message-ID: <16350890603868@iepsnet.com>

Greetings to all on the QRP-L List!

Can anyone tell me if there are any QRP, CW, DX or contest clubs in southern California?

Our local club is great, but there are only about a handful of us who seem interested in HF. Most regulars at the clubhouse seem to think that the sun rises and sets on packet radio or the repeaters. Not that these modes aren't useful, but there's more to amateur radio than that, IMHO.

How about a local chapter of FISTS? I recently joined, and a couple of the OTs and one not-so-O of a T also joined. Maybe we could start a SoCal chapter, if there isn't one already.

Thanks in advance, and long live QRP and CW!

73 de Jim - KF6CR  
QRP-L #248

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Jim Lowman - KF6CR      ARRL    QCWA #27810    FISTS #2122  
Systems Analyst  
San Bernardino, CA  
DM14JC

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From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Bob\_Tellefsen-CNSE97@email.mot.com  
Subject: [6076] ARRL Radio Designer  
Message-ID: <M743667.002.rc9i1.1.960324055118Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

For Wayne Barnhart WB7WHI

I use the ARD a lot, mostly for passive filters from audio through rf.

I'm working on learning to use op amps for things like active filters.

As far as analyzing the 40-9er, ARD is a subset of the original (expensive) program, and only works on linear circuits. Anything non-linear seems to be replaced with a resistor, such as diodes for example. A mixer can't be analyzed because of nonlinearity, but a class A amplifier can be done just fine. All examples I've seen so far are for solid state devices. No idea how it would work on "hollow state" such as tubes.

It's a nice tool, and I enjoy using it. Have a demo version of PSPICE but haven't had time to play with it yet for comparison.

72/73 Bob N6WG

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: PDouglas12@aol.com  
Subject: [6107] ATTN: Frank, AA8VN,  
Message-ID: <960325074202\_255271672@mail06>

Sorry for bandwidth, but Frank, your server is bouncing mail like crazy, which is why you can't subscribe to anything or get a QRP\_L number or hear from me! Can't help you till you get your end fixed.

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: larsennnc@alaska.net (Nancy-KL7NY/Jim-AL7FS/Juliann-WL7MP)  
Subject: [6100] Calling CQ NOW on 7.1075  
Message-ID: <v01510101ad7bbd831afc@[206.149.66.118]>

Attended CQ beacon on at 7.1075 NOW and until I think the band is dead for me. Probably not longer than 1 hour or maybe a bit longer.

73,

Jim  
AL7FS  
(907)345-3190

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: QRPBOOK@aol.com

Subject: [6158] Club listings received to date  
Message-ID: <960325224517\_454816350@mail06>

Here is a list of the clubs who have supplied info so far for the QRP Yellow Pages. QRP Yellow Pages is part of the Electronic Data Book for Homebrewers to be released at the FDIQ QRP Symposium at the Dayton Hamvention.

I sure would like to have current info on all QRP clubs worldwide, if possible.

Club info received to date from:

Benelux QRP Club  
Colorado QRP Club  
MI QRP Club  
NorCal - Have Web site info only  
QRP-ARCI  
QRP Society of Central Pennsylvania

I am looking for the following information:

- 1) Club name
- 2) Contact person (someone good for several years, if possible)
- 3) E-mail address
- 4) Mailing address
- 5) Newsletter? If so, how often is it published?

Please send your club information to:  
QRPBOOK@aol.com

Tnx,  
Rich W0HEP

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Doug Hendricks <ki6ds@telis.org>  
Subject: [6103] Curtis Keyer Kits  
Message-ID: <315639DE.372C@telis.org>

Jim Cates has just received another shipment of Curtish Keyer chips. NorCal is selling the Curtis 8044ABM Keyer chip and the Far Circuits board for \$17 post paid in the US, \$20 DX. Make checks or money orders to Jim Cates, NOT NorCal, and shipment will be immediate, as he has them on hand now. These are perfect companions to the 49er, and will give you a sidetone!! 72, Doug KI6DS

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: aero@napanet.net (Richard Slavens)  
Subject: [6148] Data Sheets & Ap. Notes  
Message-ID: <199603252335.PAA12068@bugs.napanet.net>

Ever find you don't have the Tech. Data you need/want, late at night ??

The Philips/Sigmetics (NE602A and NE604A for example) device data sheets and application notes can be accessed via the Web at:

<http://www.semiconductors.philips.com/ps/philips5.html>

You can either download the file for view/printing by the postscript Acrobat reader (also free from Adobe) or have the documents Faxed to you by their automatic Fax Server.

I see my local Radio Shack have their DSP unit on closeout sale for \$50, anybody out their with some field experience ??

73, Dick

-----  
Richard Slavens (APC) Napa, CA N19313 WA6TMF  
aero@napanet.net

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "Harley L. Miller" <hmliller@inf.net>  
Subject: [6078] DC Electronics address  
Message-ID: <199603241302.HAA28631@source.inf.net>

All;

I tried to send an order to DC Electronics at a PO box I saw on qrp-Limericks and it came back with a note that the PO box was not right. Would some kind soul please post the address for DC again?

Harley L. Miller hmliller@inf.net  
WB0ROQ QRP-L #393

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996



From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [6095] Envirotronic diagram in ASCII  
Message-ID: <199603250013.AAA20720@chuck.dallas.sgi.com>

Gang,

On the Envirotronic Paddle, it was not my intention to give you a construction manual. :-) Here is an ASCII rendition from the top until I can get a photo at ftp.lehigh.edu.

Byron sent me some questions and I printed them off but left them at the office this a.m. Monday will answer them.

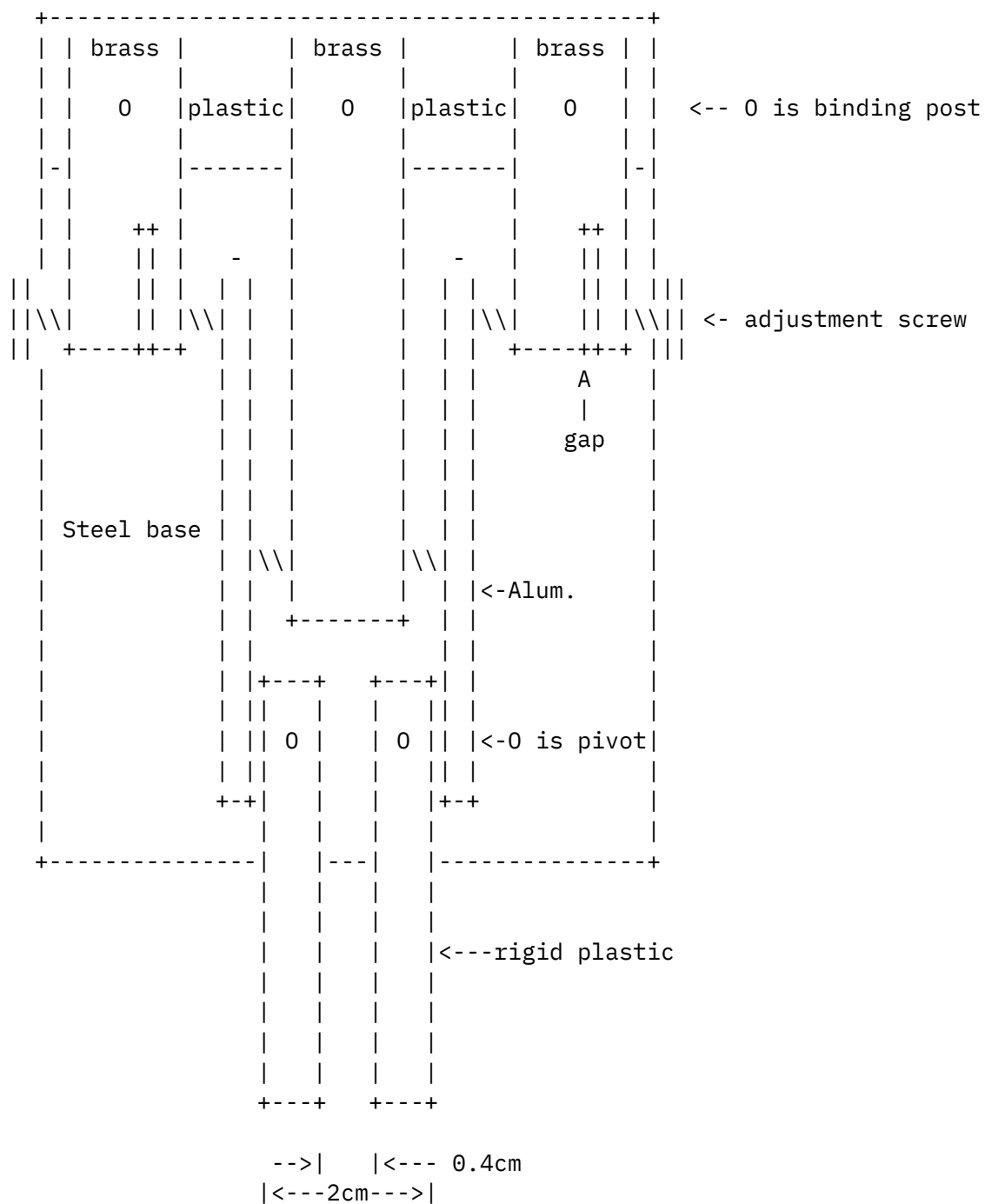
If you grab the plastic handles and lift there is no hesitation, you will lift the paddle, thus my comment in no vertical play. Also the paddles are 0.8cm thick, thus they will not flex. Byron asked the question. Even on the thinnest of paddles I have never had a flexing problem.

No photo yet, stand by a day or two. Here is my ASCII rendition from the top. Plastic is the black machinable parts and steel is the gray painted steel base. Aluminum is 0.3cm thick machined arms from paddles to and slightly past the contacts.

The adjustment allen wrench for the tension is held in the end part under the brass arms in the base. So there is no fear of losing this puppy and you don't need any other tools except one straight bladed screwdriver to adjust the distance between the contacts. The allen wrench used to adjust the tension only.

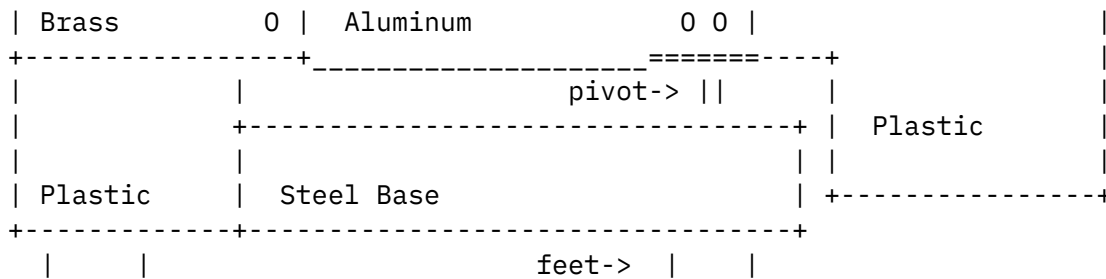
The paddles contain the pivot elements thus if you break these and they would require a significant force to do so. They are mounted with allen head machined black screws and you can probably get a replacement from Gene. You'd have to drop this puppy on concrete to break 'em.

I hope this helps.



OK, on a roll, here it is from the side:





Not drawn to scale. The lines should all be straight but no exact placement for ASCII characters and where parts overlap. You get the picture. Again a low profile paddle. See previous post for text on dimensions etc.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "John D. Spittle" <jds@vcn.bc.ca>  
Subject: [6101] Epiphyte-2  
Message-ID: <Pine.3.89.9603241959.A5276-01000000@opus.vcn.bc.ca>

The prototype EP-2 has been on the air for the past year. Last week I received a PCB manufactured by Far Circuits Inc. This company certainly does a beautiful job and mounting the components took only a few hours. Other than enlarging a few holes to accommodate the Toko coils, MuRata filter and trimmer capacitor, everything fell into place as intended. After the padder capacitor C-10 was reduced to 12pF to permit adjusting the LFO to 453KHz and the VFO inductor L-3 set to the centre of the band, the receiver section worked perfectly first time.

Turning to the transmitter. After setting the idling current on the final, adjusting the RF bandpass filter and checking the output from the driver, I was unable to develop more than 7V of RF across a 50 ohm dummy load - about 1W. When I replaced the broadband output transformer (T-3) with that from the prototype board, the output immediately shot up. Either the ferrite core I have been using for T-3 in the prototype is an Amidon BN-73-202 and not a BN-43-202, or the new cores supplied me are BN-61-202s. Amidon makes only three 0.525"D binocular cores. I'll sort out this anomaly in the next few days and report back. Meanwhile, if you run into this problem do not attempt to push the power up by increasing input to the CA3020A.

72/73 Derry VE7QK

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "Jim Larsen" <jlarsen@alasc.com>  
Subject: [6131] F.S. QRP+, MFJ 9020 (Sold), Kenwood TS520S  
Message-ID: <9602258277.AA827780911@mailrouter.alasc.com>

Greetings from Alaska.

My QRP+ is for sale for \$485.00. I will pay shipping in the US. This rig is in mint condition and has the cw and last-mode eeprom upgrades.

I also HAD an MFJ 9020 (the 20 meter cw version) that I sold for \$95. I will soon pay shipping in the US. (This is now sold.)

I also have a Kenwood TS520S for sale for \$245. Buyer pays shipping.

Respond to larsennc@alaska.net and jlarsen@alasc.com

73,

Jim Larsen  
AL7FS  
Anchorage

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: davander@niiia.net  
Subject: [6154] FS OHR 30M EXPLORER  
Message-ID: <199603260121.TAA10886@silver.niiia.net>

I am moving out some gear to make way for newer, more exciting qrp stuff around here. Therefore, I am selling my OHR QRP Explorer for 30 meters. Asking \$75. Perfect condition, manuals, etc. etc.

NA9N

Dan  
(219) 324-5431

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Larry East <LVE1@inel.gov>  
Subject: [6119] Fun with a Service Monitor  
Message-ID: <2.2.16.19960325161352.26e77734@garnet.inel.gov>

Had a great learning experience this weekend looking at the output from several of my rigs with a borrowed service monitor.

There are a couple of bands on which my QRP+ (original model) does not meet the FCC requirement for spurs and harmonics being at least 30DB below the carrier -- as I had expected from postings on QRP-L. However, 160/80/40 are extremely clean -- everything is down at least 40DB.

I was a bit surprised to see spurs (I think due to mixer products) in the output of my NorCal 40a and OHR Explorer II, but they are all down at least 30 DB -- except for the Explorer if I try to push it above 3W out. The fundamental is being limited by the 36V zenier that protects the final from high SWR at about 3W out, but the spurs just keep on goin'! Guess I need to either make sure the output can't go above 3W, or add a matching transformer between the final and output filter to keep RF at the final collector below 36V.

I was able to detect input signals down to the 0.1 - 0.2 uV level on all three of these rigs, including the QRP+ (on all bands) which has a published sensitivity of 0.45 uV. However, this was just being able to detect the presence of a signal -- to copy a real signal would probably require more like 0.3 to 0.5 uV.

Second harmonic attenuation of the 40-9er sucks, as posted on QRP-L -- I measured it as only 22 to 23 DB down (recent list posting put it at -25DB).

The AGC in the QRP+ is really effective; the audio output is essentially constant for all inputs above 1 uV! The 40a is not as good -- AGC does not start limiting output until several uV of input, but its better than nothing. Forget to check out the OHR AGC -- another time perhaps.

72, Larry W1HUE/7

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996

From: Pete Meier WK8S <pmeier@sun.tir.com>  
Subject: [6108] IT'S COMING...WILL YOU BE THERE??  
Message-ID: <3156988F.79E5@tir.com>

The biggest, most significant QRP event of the year...  
The 3RD ANNUAL ARCI QRP BANQUET!!

At only \$13 and a SASE can you afford to come?

A fine meal with fine people, aren't you hungry?

Great prizes with lots of chances, can you win one?

2 facinating guest speakers, will you hear them?

If your is YES to these questions then don't delay another day send  
that STAMPED SELF ADDRESSED ENVELOPE and \$13.00 to:

Pete Meier  
4181 Rural  
Waterford, MI 48329

DO IT TODAY SO YOU WON'T HAVE REGRETS TOMARROW!!

--

Member of ARRL, ARCI, MI-QRP, G-QRP, NE-QRP, CQC  
Pete Meier WK8S QRP-L#212 Email: pmeier@tir.com  
Waterford, Michigan USA

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: burdick@interval.com (Wayne Burdick)  
Subject: [6151] KC1 in 40-9er  
Message-ID: <v02130517ad7ceb79a647@[199.170.106.28]>

I've had a few requests for info on interfacing the KC1 to the 40-9er.  
Here's my rough take on it. Please let me know if this doesn't work; I  
haven't tried it:

1. Connect the KEYLINE output from the KC1 to the "K" line on the 40-9er.
2. Connect exactly *one* ground lead from the KC1 to the 40-9er. Use the VFO ground pad on the KC1. If you use more than one ground connection, there's a possibility that you'll have ground loops, which may cause hum or clicks.

3. Connect 7 or more volts DC to the KC1's +V pad.
4. Connect the KC1 AF out line to the (+) end of C9 on the 40-9er. Use a value of 0.01 to 0.047 for CA, and you can probably eliminate RA (just connect the audio line directly). If this is too loud, start with 100K for RA and go up if necessary.
5. Try 5pF for CV, connected from the KC1's VFO pad to pin 7 of U1. Go up to 10pF or 15pF for CV if that doesn't work. If frequency readout works at one end of your VX0 trimcap's range but not at the other, chances are your trimcap has too low of a minimum capacitance. In this case, the VX0 output is probably going too low for the KC1 to read it, and one recourse is to increase CV. A better idea is to establish a higher minimum C at your VX0 trimmer by paralleling a 5pF cap across it.
6. Don't bother with the MUTE line unless you hear microprocessor noise from the KC1 when you use the keyer or frequency readout (at all other times the micro is asleep).

Have fun--

Wayne

N6KR

P.S. As you know, the KC1 costs nearly twice as much as the 40-9er kit itself (!), \$45 plus shipping from Wilderness Radio, 415-494-3806. You might want to consider a cheaper alternative such as buying the Curtis 8044 chip from Mouser and labelling your VX0 trimmer directly rather than using the KC1 to read it. But hey, some people *\*really\** like the KC1. :)

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996

From: Ron Thomas <ronthom@MAIL.DOAS.STATE.GA.US>

Subject: [6116] Kenwood TS-50 QRP Info

Message-ID: <Chameleon.4.01.960325102428.ronthom@RONTHOM.DOAS.STATE.GA.US>

I am looking for info on how to lower the power level of a Kenwood TS-50 to qrp levels by using the ALC input. I have tried circuits using neg 9 volts to the ALC input and they do not seem to work with the TS-50.

Thanks,

Ron Thomas

W8QYR

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Name: Ron Thomas      ronthom@MAIL.DOAS.STATE.GA.US  
State of Georgia DOAS/Telecom  
200 Piedmont Ave. S.E. 1402 West Office (404) 656-5880  
Atlanta, GA 30334  
From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "TimCook" <timcook@erinet.com>  
Subject: [6152] Knife Switch?  
Message-ID: <199603260108.UAA15108@in-mail.erinet.com>

Anyone know of a source for a decent double pole double throw knife switch? I've seen the cheap plastic models around, but would like something a little heavier to switch out my 450 ohm feedline when not in use..... I know this isn't exactly QRP related, but this group always has the answers!! Thanks  
Tim  
NZ8J

ARCI-4099  
G-QRP-615  
MI-QRP- 115  
NORCAL-257  
NE-QRP-50

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Mel Evans <101366.3072@compuserve.com>  
Subject: [6136] Last HW9, UK 1  
Message-ID: <960325202703\_101366.3072\_JHP87-2@CompuServe.COM>

Hi gang,

Well, I'm about halfway through the parts check for the HW9. With 586+ bits to check and count, this is not your average "build it in a weekend" kit.

The parts list alone takes up around eight pages, double sided paper, but the quality of the PCB's and the screen parts print is \*SUPERB\*. The case likewise!

The XYL reckons I'm on a high since the box arrived. She'd better beleive it!!

72 and 73 for now de Mel  
GM6JAG  
Edinburgh, Scotland



From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: QRPBOOK@aol.com  
Subject: [6084] List your QRP club  
Message-ID: <960324132701\_453639172@emout06.mail.aol.com>

The QRP Yellow Pages portion of the Electronic Data Book for Homebrewers is nearing completion.

I would like to add a section listing all of the QRP clubs with the following information:

1. Club name
2. Contact person and call
3. E-mail address
4. Mailing address
5. Newsletter? If yes, name and how often is it published.

Example:

Colorado QRP Club  
Rich High W0HEP  
CQC@aol.com  
740 Galena St., Aurora, CO 80010-3922  
The Low Down published bi-monthly.

Additional information about the club can be obtained by writing the contact person.

Since this information will be printed in a book that will be around for some years, do not give information that is likely to change soon.

Thanks and I hope to hear from all of the active QRP clubs worldwide.

Rich W0HEP

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: cookes@pop.jaring.my (Siong Teck Cheun @ Joseph)  
Subject: [6139] Long Wire  
Message-ID: <199603252217.GAA03098@jaring.my>

Hi Fellow Qrper,

Has any one use a long wire + tuner before. What is the ideal length to work all band? Comments & suggestion appreciated.

```

*****
*      SIONG 9M8ST/V85ST          /-/-/ ~  /|\          *
*      G-QRP 7986                /^\ |/\  /_|\_ \        *
*  e-mail cookes@pop.jaring.my    |      //^^\ \         *
*  snail mail address :          ----/^\_--/_|%@|_--\      *
*  171D Cookes Drive              *
*  93150 Kuching Sarawak          *
*  MALAYSIA                      *
*                                *
*  For more information about SARAWAK check in          *
*                                *
*      http://www.sarawak.gov.my/stb                    *
*                                *
*****

```

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
 From: Hank Kohl <k8dd@sun.tir.com>  
 Subject: [6093] Looking for KD8BJ  
 Message-ID: <9603242340.AA09246@sun>

Marty.....  
 Tried to reply to your last e-mail.....keeps bouncing.....R1 is ready to ship.  
 73 Hank  
 k8dd@tir.com

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
 From: BillCombs@aol.com  
 Subject: [6123] MFJ Tuners  
 Message-ID: <960325124441\_454334420@emout04.mail.aol.com>

I talked to Bill, owner of W9INN Antennas, this morning. He says that he has been working with MFJ on their tuners for a while now and that those made in the last 6 months are much improved.

73,

Bill K4CPK

BillCombs@aol.com

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "Frank G3YCC" <g3ycc@enterprise.net>  
Subject: [6091] need Gifs of rigs  
Message-ID: <199603242330.XAA15705@mail.enterprise.net>

Hello and thanks for reading this. I would appreciate any pointers to a source of Gif picture of rigs, Ten Tec's, HW8/9 etc., which I would be able to use in my QRP web page?

The page will be at:

[homepages.enterprise.net/g3ycc/](http://homepages.enterprise.net/g3ycc/)

The page should be on line now, but am not sure if it works!

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Jim.Nestor@ey.com  
Subject: [6099] NN1G's address & a sad story.  
Message-ID: <0014500002648262000002\*@MHS>

Does anybody have Dave, NN1G's e-mail address? I believe he's on AOL. Had it but deleted it when changing mail systems.

Guess I get this week's booby prize. Found some nice BNC connectors for RG-174 cable today at the Trenton, NJ Hamfest. After a few tries, actually got them installed on a couple of short cables to interconnect things like QRP rigs and SWR meter and antenna tuners. For short cables it makes them much more compact and flexible than RG-58 for tucking away in a briefcase, etc.. Plan to eventually replace all/most of my cables and connectors to BNC. Already use BNCs for lots of my RG-58 feedlines and jumper cables.

Decided to start by replacing the RCA antenna jack on my SWL-30 with a BNC panel mount. Naturally, the rear panel hole was too small. Considered using a taper reamer or a small round file, but there wasn't enough clearance without dismantling the entire rig.

Soooo,,, I chucked the appropriate size bit in my variable speed drill and proceeded to drill out the hole very slowly and very carefully. Nice thought, but as the bit slowly surfaced through the aluminum panel, it plunged through just far enough to snap off one of the 4 MHz crystals, nothing more nothing less. Rats!

Doesn't appear to be anything else damaged (just dumb luck). Now I have to contact Dave and buy a replacement crystal. Guess there's a lesson of some sort here about little radios, impatient little boys, and large power tools...

73/72,

Jim, WK8G/2  
jim.nestor@ey.com

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Doug Hendricks <ki6ds@telis.org>  
Subject: [6104] Novice Crystals Wanted  
Message-ID: <315640AC.37A9@telis.org>

Does anyone know of a source of crystals other than international? I am looking for one of the companies that make computer crystals. Why? NorCal would like to purchase a large quantity of Novice band crystals for 40 meters. It has been suggested that 7.022 would make an excellent Novice crystal on 40 as it is free from broadcast interference. If you can help us out, we would appreciate it. I know there are sources out there, because Danny Stevig told me that he had an offshore source that would do any frequency to his specs at a reasonable rate if the quantity was there. Any of you guys able to help? Thanks and 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [6121] Oak Hills WM-1 as QRP tuner???  
Message-ID: <Pine.3.89.9603251251.A1235-0100000@w3eax.umd.edu>

Has anybody looked REALLY hard at the OHR WM-1? There's a LOT of room in there for a pair of air variable caps mounted on the SIDES of the case, as well as a coil hanging from the top of the unit.

Whatcha think? A meter so fine with that much open space is such a waste...it could do SO much more...

\* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 \*  
\*\*\* VHF @ <25w, HF @ <5w \*\*\* Save a cake, pound BRASS instead \*\*\*  
\* 138 cfd with dipoles \* QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC \*  
\* 301-549-1022 h / 301-982-1015 w \* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Grover Cleveland <groverc@gvgadg.gvg.TEK.COM>  
Subject: [6140] Oh heck - I forgot how to unsubscribe digest  
Message-ID: <01BB1A42.1CD05680@shasta.gvg.tek.com>

Sorry for the bandwidth - I am subscribing to the list on one connection =  
and the digest on another. I want to cancel the digest but can't =  
remember how to do it.

regards (in a qrp way)

Grover WT6P

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Rich\_Stern\_at\_WFF-E105@ccmail.gsfc.nasa.gov  
Subject: [6110] OOPS ! WRONG #'S CANARY IS..HELP  
Message-ID: <9602258277.AA827773213@ccmail.gsfc.nasa.gov>

I got a reply from Mel in Edinburgh, Scotland. He was suprised at the  
\$100.00 fee for a reciprocal EA tcket. He said that his country is  
part of CEPT agreement for all European Common Market countries. He  
can take his license and operate at the equivalent level of his  
ticket. I wonder If something like that exist for the USA?

Mentioned, also, was a 'VISITORS' license, which is  
[<YOURCALL>/EA]...

I e-mailed Mel Evans at compuserve and waiting for his reply.  
However, If anyone else can shed some light on this VISITORS ticket,  
please e-mail me. I don't require a three year ticket; six months is  
at most the window I'm looking at. I would hate to waste WAL-ARC's  
money.

By the way, I only speak Spanish with my hands.. and not very well  
at that. I'm sure this will improve

de Rich

Note: Tried to e-mail this, I SEEM TO BE GETTING wrong addresses !

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: larsennc@alaska.net (Nancy-KL7NY/Jim-AL7FS/Juliann-WL7MP)  
Subject: [6098] Operating NOW  
Message-ID: <v01510100ad7bb6eb8e57@[206.149.66.110]>

I found my QTH has heavy QRM (S4-S6) from 7.020 to 7.080.

Levels are S1 at 7.007 and 7.107. I am going to go call CQ for a while right now. Or at least CQ and listen a bit.

will I hear any of you?

73,

AL7FS  
Jim  
Anchorage, Alaska

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: prvalko <prvalko@oakland.edu>  
Subject: [6077] Opps....  
Message-ID: <Pine.OSF.3.91.960324032957.7466A-100000@vela.acs.oakland.edu>

On Sat, 23 Mar 1996, prvalko wrote:

>  
> Mike's cadence could drive me to foam,  
> try reading line two of him tome!  
> Now everyone knows,  
> leave the humor to pros,  
> and kids, please don't try this at home.

Upon receipt of that joke  
sent to all of the qrp folk  
I typed "him" 'stead of "his"  
so that lim'rick's a fizz,  
should-a typed it when I was awoke.

73! =paul= wb8zjl

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: earwax@indy.net  
Subject: [6082] parts  
Message-ID: <199603241601.LAA09279@IndyNet.indy.net>

Would someone please tell me a supplier of ferrite beads and T-50-2 cores.  
My local parts house reply was, " DUH, never heard of 'em" !

The April 1996 issue of "CQ" has an article by Dave Ingram, K4TWJ that those  
on the list might find interesting. QRP '96: Milliwatts and Micronauts

TIA,  
73 es etc...

Charlie

Charlie Kuhn, N9NVV  
earwax@indy.net  
Censor Yourself, Not Others  
All Disclaimers Apply

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: bachmann@ari.net  
Subject: [6087] Plugs and Jacks  
Message-ID: <199603241848.NAA04245@mtolympus.ari.net>

Hello gang,

I found a very useful inexpensive punch for BNCs but not the D  
type. I've attached my original inquiry about a D punch for a BNC panel  
mount female connector and the details about the punch I found.

Thanks for the responses. I followed them up with no luck. D  
connector punches start at over \$150 and they are too big anyway(a 7/16  
pilot hole). Grainger and others carry Greenlee, but Greenlee doesn't make  
anything that small. Their .5x.469 D punch is \$124, way too much anyway.  
Mouser has a BNC punch and die that costs \$46 but it needs a fixture and a  
3000 lb. press. Alignment is critical so you can't really use it in a  
wise. I'm still trying to get a Newark Electronics catalog.

Mr. Miller at Sescom, Inc. told me that he has looked for a small D

punch for BNCs with no luck and that Greenlee and Q-max showed no interest in making one.

For the BNCs, I'll make a 3/8" hole and use a internal tooth washer between the jack and the panel with a split lock washer with the ground tab on the back.

While I struck out on the D punch for BNC connectors, I did find a very cost effective (\$10.95) 3/8" punch that works splendidly. It is great for BNCs, potentiometers, phone plugs, anything else that needs a 3/8" hole. The punch is made by Qmax, a British company. You drill a 1/4 inch hole, assemble the punch on the hole(with the anvil on the part that won't be seen), tighten the cap screw with a 3/16" Allen wrench, and presto a crisp, well-cut hole (no deburring necessary). It cost \$10.95 from Sescom.

I also bought the 5/8" punch to use for SO-239s but I haven't used it yet. The Allen wrench is a great idea and makes the punch very easy to use. I should have gotten the 1/2" punch also.

Sescom sells enclosures, rack mount stuff, hardware, some tools, etc. I saw their ad in 73 Magazine. The downside is that there is a \$30 minimum order. The phone number is 1-800-634-3457.

Disclaimer: I'm have no financial interest in Sescom or Qmax and I am not connected with them in any way. I just like the inexpensive 3/8" punch.

73s  
Rich Bachmann  
N3SLR

<---- Begin Forwarded Message ---->

From: bachmann@ari.net  
Subject: Plugs and Jacks

I have been looking for a chassis punch to make a D shaped hole for BNCs. It sure would make it easy. All I have found so far is a punch from Sescom that requires a press (maybe you could use it in a vise). The Greenlee D punches I've found are too big. Does anyone know where you can find a .375"/.345" (or thereabouts) D punch?

Tnx  
Rich Bachmann  
N3SLR

<---- End Forwarded Message ---->

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "Bob White" <Bob\_White@CCMAIL.aerosys.loral.com>  
Subject: [6145] QRP+ Upgrades  
Message-ID: <9602258278.AA827805932@CCMAIL.AEROSYS.LORAL.COM>



I just got off the phone with Index Labs. The first few (three or four) QRP+ upgrades are being shipped today with more going out tomorrow. These are the units which were received by Index Labs at the beginning of Feb.

Index Labs also confirmed that all mikes will have to be rewired for the upgraded units.

Is there a new improved QRP+ owner out there that can supply the new mike wiring?

Best of luck to all those waiting. Hopefully we will all be back on the air by the weekend.

73,  
Bob White W03B

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>  
Subject: [6157] Quantity of variable caps needed  
Message-ID: <199603260309.WAA04514@brutus.bright.net>

I am in need of a quantity ( approx 100) variable capacitors - dual section 365 pf or similar. Does anyone have any idea where I might find some??

Please respond via private e-mail.

Thanks!  
73 - Bill Kelsey - N8ET  
Kanga US  
kanga@bright.net  
419-423-4604  
<http://qrp.cc.nd.edu/kanga/>

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: sas@xyplex.com (Scott Sminkey - Sustaining Eng Group)  
Subject: [6118] R5 and Field Day  
Message-ID: <9603251543.AA03178@opus.xyplex.com>

In discussing the Cushcraft R5, Roger AA7QY <aa7qy@primenet.com> wrote:

>This is also a great Field Day antenna, because it is self-contained and can be  
>mounted anywhere.

This is true, but with a warning! A few years ago, the club I'm in did an 8A operation for Field Day and among our antennas were two R5s. We never had so many problems with one station getting into another as we did with those R5s! The theory many of us have is that the R5's multiband and no-transmatch-needed design don't mesh well with a multiband/multistation environment. The antenna works well for receiving the bands you don't want as well as the one you are working at the moment, and there is nothing between antenna and rig to filter out/attenuate signals from other bands. Nevertheless, the R5 worked fine when the other stations were quiet. I'd use it for a one or two station operation only from now on.

73,

Scott W01G

=====

Scott Sminkey, Sustaining and Specials Eng.	Xyplex, Inc.
sasminkey@eng.xyplex.com	295 Foster Street
508 952-4792 fax 508 952-4887	Littleton, Massachusetts 01460

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: PA3ASC@mailbox.hol.nl (Mike Perry)  
Subject: [6085] Reciprocal licensing and CEPT T/R 61-01 (longish)  
Message-ID: <199603241838.TAA18336@bonny.hol.nl>

Hi gang,

Rich Stern wrote (about a reciprocal licence for EA):

[ ...snip ...]

>However, If anyone else can shed some light on this

> VISITORS [ i.e CEPT] ticket, > please e-mail me.

[... snip ...] By the way, I only speak Spanish with my

>hands.. and not very well at that. I'm sure this will improve

>de Rich

The CEPT T/R 61-01 ticket is essentially a tourist licence which allows European hams to operate /P and /M in each other's countries on the basis of the "home licence". To benefit from this arrangement you must hold a home licence which has been issued in one of the Countries participating in the arrangement (we are given a special multilingual CEPT card each year just to gain these benefits). Since we like to take our rigs with us on vacation,

this saves a lot of administrative work for licensing authorities. Call sign to be used in the guest country is country prefix / home call /P or /M e.g. DL/PA3ASC/P.

Reciprocal licences issued in Europe don't count for this game; nor do licences issued in countries not participating to the arrangement. Nor can anyone operate in another country on the basis of CEPT privileges for more than three months at a stretch. Even Europeans need reciprocal licences when there is any suggestion of a change of residence.

As far as I know, neither the USA nor Canada are members of CEPT and they have not ratified CEPT T/R 61-0. If your home call is in the US or Canada, for example, you will need a reciprocal licence to operate in Europe. If you are planning a tour you will need a reciprocal licence for each country which you intend to visit. Don't forget that some European countries have laws which prohibit possession of any transmitter without a licence, even if you don't intend to poke the PTT button, and these regulations are backed up with the usual measures of administrative terrorism in the form of arrays of fines, confiscation (and gaol sentences in extreme cases).

CEPT is an acronym for the name (in French) of the European Committee for Posts and Telecommunications. This is an international forum in which the governments of most European countries make joint arrangements for post and telecommunication traffic between their countries. Amateur radio licensing is only one of the many issues with which CEPT is concerned.

Members States of CEPT who have ratified the T/R 61-01 Recommendation are: OE, ON, LZ, 9A, 5B, OK, OZ, ES, OH, F (& TK), DL, SV, HA, TF, EI, 4Z, I, YL, HB0, LX, 3A, PA, LA, YO, OM, EA, SM, HB, TR, G (GW GM GI etc.), CT  
The recommendation has also been ratified by two non-European States, Peru and New Zealand, whose licence holders also enjoy CEPT privileges.

Two last points.

First, although a fair number of people on this side of the pond speak English in all shapes and sizes, a lot more do not. If you intend to make local QSOs,

better speak the local lingo(s).

Secondly, beware of any false assumption that the laws in the country you visit will be the same as those at home. This applies not only to customs regulations (taxes and import licences) but also to the handling of EMC and TVI complaints.

Oh by the way, here in PA land, a ham ticket costs about US\$60 per year. \$100 for three years would be a good deal for us.

Hope you find this useful.

73 de PA3ASC

--

Regards,

Mike Perry. [e-mail :- PA3ASC@mailbox.hol.nl ]

=====

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "Brian L. Lewis" <76500.1621@compuserve.com>  
Subject: [6090] Recv overload  
Message-ID: <960324224646\_76500.1621\_HHE52-2@CompuServe.COM>

I have built up a homebrew QRPP transceiver (separate recvr and transmitter). I am having a problem getting the recv to line up with transmit. When I had them in separate cases it was not problem to zero beat. Not that they are in the same case, all I get is a "shriek" into the rcvr.

The rig is for 40 meters. I am using a simple fundamental xtal osc as the transmitter (maybe 500 mw). The rcvr is made up using the NE602 and LM-386 IC's. I have shielded the transmit and rcvr sections. This did not seem to help.

I am using a built in STSP switch for transmit/rcvr.

Any help appreciated.

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996

From: Nick Franco <kf2ph@bnl.gov>  
Subject: [6112] Sorry! I just had to.  
Message-ID: <3156AEC9.6400@bnl.gov>

I belong to the QRP-L  
The info and member are swell  
There's projects galore  
Poems and weather reports  
What's next - you never can tell!

72 - Nick

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY  
Sr. Systems Specialist RHIC Project - Building 1005 - Room 201  
Tel: (516) 344-5467 Fax: (516) 344-3674 UPTON, N.Y. 11973-5000  
Email: kf2ph@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "Frank G3YCC" <g3ycc@enterprise.net>  
Subject: [6117] Sorry, re: my web page  
Message-ID: <199603251522.PAA17340@mail.enterprise.net>

Sorry all is not well with my web page and I don't know what to do about it, yet! So, until some kind and more knowledgeable person can sort it out, It's not worth looking at with Netscape, but it sort of works with MSIE through Win95.  
All will be well soon! (I Hope).

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Frank Paxton III <paxton@sound.net>  
Subject: [6079] speaker shielding help needed !  
Message-ID: <3155621C.F71@sound.net>

hi ! my 40-niner is working nicely now. thanks for all your help with the jfet substitution mystery. now that my logbook is showing some respectable entries, i'm moving to the more subtle problems. i use a RS powered speaker for audio. how do i SHIELD it from the 40-niner. the transmitter really gets 'into' that speaker !  
frank. ng@n.

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: kellner@usa.acsys.com (Richard G. Kellner)  
Subject: [6089] SSOP again  
Message-ID: <9603242013.AA14096@usa.acsys.com>

Several of you answered my SSOP (or SSOB, some said!) post, so I'll post my latest finding to the group. I have just found an ad for SSOP to DIP adapters from EDI CORP in Las Vegas, NV at (702)735-4997. Of course, a DIP plug might be big for a final design but it's just what I've been looking for for prototyping. I'm going to order some, so if you're interested in more details, please e-mail me direct.

73, Rich W5RXP

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: bschilli@epix.net  
Subject: [6092] Ten-Tec Argo 515 For Sale  
Message-ID: <Pine.SUN.3.91.960324181422.4158B-1000000@mango.epix.net>

Still have the 515 and accessories for sale. If you are interested in owning one of approximately 800 Argonaut 515s CALL (DO NOT LEAVE E-MAIL) (717) 825-5395 anytime. If no one is home, leave mssg on machine.

Argo 515, 208-A CW/Notch Filter, 210 power supply, 2.4kHz 8-pole xtal filter factory installed in the Argo, new knobs, dial lights, dial cord, T-Kit speech processor, T-T hand mic, and R-S Optimus headphone/boom mic with Heil HC-4 mic element installed. The 515 was factory aligned in 1993, with virtually no use since that time. Manual included.

\$550 and I ship.

72/73 rich K7YHA  
(717) 825-5395

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: kd7s@valleynet.com (Bill Jones)  
Subject: [6075] Thank you Wayne Burdick for the 40-9er  
Message-ID: <199603240541.VAA17413@valleynet.com>

Like so many others, I fell in love with the 40-9er design. However, I chose to build mine completely from scratch using whatever parts I had on hand. I designed and etched separate boards for the receiver and transmitter. I modified the circuits slightly to suit my own tastes. The enclosure is also homebrew (no Altoids cans in the junkbox.) The end result

is a diminutive and attractive little rig that I'm proud to have sitting on the desk next to the HW-8.

I put the rig on the air for the first time Saturday afternoon. My first contact was with W7ELH, Frank, near Clearwater, Idaho. According to the great circle distance calculations received from listserv@lehigh.edu, the distance was 677 miles. A couple hours later I worked Ade, K9DHR in Kaukauna, Wisconsin, a distance of 1,712 miles. As close as I can measure, the 40-9er was running just under 750 mw output. So, if anyone thinks the 40-9er is just another cute little "toy radio," think again.

Thanks, Wayne, for one of the best QRP weekends I've had in years. I owe you lunch in Dayton.

=====  
Bill Jones - KD7S <><  
QRP-L Member #85  
Sanger, California  
Reply to kd7s@valleynet.com  
=====

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Jeff Gold <JMG@tntech.edu>  
Subject: [6115] The toy I dreamed about  
Message-ID: <01I2R053045EHWBI8A@tntech.edu>

I love to operate 20 meters QRP. I got my start in the business (-: with one of the original MFJ 20m CW rigs and a dipole and had a blast working all over the world portable/battery powered.

When MFJ came out with the 20m SSB travel rig.. had to have one. Tested one for quite a while.. had a club QRP/expedition that I wrote up using it. It was an earlier edition.. had the CW adaptor and drifted and had a loud relay that worked ok (in the CW section). We used it on Field Day and in some big DX competitions with great success. Had some financial problems a while back and cleaned out a lot of toys from the shack.. the only reason the MFJ went was that I had the Cascade kit. Well got the receive on the Cascade working on both bands.. but still haven't gotten the transmit working.. so kinda was real sad I got rid of the MFJ.

Well in the local horse trading market, came across a MFJ 20 meter SSB and traded for it. It appears to not drift and works great. It took me a couple of days but I finally tracked down the CW adaptor (was really hard up and actually paid full price for it

plus shipping).

Installed the adaptor and realigned the VFO and set up all the little adjustments on the adaptor board (pretty easy). It worked well, but there is no filtering and it gets kinda hard to use if there is any type of crowd on the band.

While driving around on this past lovely weekend I kept picturing different solutions.. built in audio adaptor for cw with a switch, was going to email the group for its great wisdom.

Coming back from a hike at the water falls not too far from here.. just happened to pass a Radio Shack.. some how the van just pulled right in the parking lot (my wife is use to this weird behavior on the part of the van :-)) Went in and tried to describe what their DSP unit was and see if they had any left. The young lady who I had dealt with before "no we don't have any of those left" I tried to explain to her that this answer wasn't acceptable.. especially since she had no idea what I was talking about. I then decided to take a different approach and said I had spoke with the manager recently and that he said there was one left. She assured me that it had since sold (she still had no idea what I was talking about). I got a catalog and tried to locate it and wouldn't let her leave. She finally found the item in the back room.. still on clearance at \$50.

Got it home (and this is also the second one of these I have had.. send the last one to Hawaii.. because I really didn't need it at the time.) Noticed it came with a mobile mounting bracket.

I proceeded to drill a hole in the back of the MFJ and put in a jack for the audio signal out and spliced in the speaker. When I was done hooking it all up and tried it out smelt smoke.. then realized the jack was shorted to ground. I took the plastic case of one of my rca plugs.. drilled a bigger hole and used it as an insulator (they probably make the right kind of jack) I epoxied it in for more assurance.

Well the RS DSP works GREAT!!!! with that MFJ.. in CW mode it makes it like a whole new radio. and the NR even works on CW. I did some customizing of the mobile bracket and the DSP now lives securely attached to the top of the MFJ.. the whole thing with my mini dipole and battery are ready for the Smoky Mountain park this weekend.. can't wait.

73,72 and still counting  
Jeff, AC4HF



From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Robert Finch <bfinch@asp.vet.purdue.edu>  
Subject: [6141] tnxs for ic-706 info  
Message-ID: <199603252253.RAA02274@asp.vet.purdue.edu>

I have gotten alot of mail in reply to my request  
for ic-706 info. There was too much to individually reply  
to all of you. I hope this small response will  
serve as a thank you.

To quickly sum up the responses, the only complaints  
not covered in the qst review (mar 96) was the lack  
of banking for the scanner memories.

Some waxed effusively (sp?) About the wonderful toy  
they had.

I did get a chance to play with one briefly last week  
in Minneaapolis. And liked the almost intuitive nature  
of the control set-up. They do need to try somehow to  
come out with a dtmf mic that DIRECTLY plugs into the  
front panel.

So tnxs agn. to the group for the kindness of your  
replys. I hope to be able to return the favors somehow.

72's

Baab, n6cxb

[D

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Hans-Joachim Dezelski <hjd@abt2-a.d6.verwaltung.uni-tuebingen.de>  
Subject: [6106] TUE-QRP-NET DF0UT >OFF< the Air  
Message-ID: <Pine.LNX.3.91.960325093209.136A-1000000@abt2-a.d6.verwaltung.uni-tuebingen.de>

We tried it for 3 months now, but in vain. Nearly nobody checked in. We know that propagation is not the best at this time, but this could not be the only reason. Other cw-stations were all around our qrg. Although we promoted it locally for beginners to improve speed and skill there seemed to be no need.

Most of the operators over here in Europe, who operate in cw, stick to the 599 / qru Style which has little to do with communication. So when you check the bands you will hear pile-ups, 599s, some skeds and silence. The interest in other persons seems to vanish or everybody seems to wait for the other om to call !?

Anyway this is kind of frustrating. So we will stop the net. Thanks to all who tried, but could not come through.

Still for us QRP and CW is much fun and we will continue our skeds on tuesdays at 21:00 UTC 10.123 Mhz.

If you hear us, give us a call.

73 es 72 de Hajo es Gerhard (DF0UT)

DL1SDZ DK6TP

-----  
| H.-J. Dezelski | Email: dezelski@uni-tuebingen.de |  
-----

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: aa7qy@primenet.com (Roger Hightower)  
Subject: [6094] We did it!  
Message-ID: <199603242236.PAA12157@usr5.primenet.com>

Well, by golly, we did it! Took a sked to work it out, but Bob Wa7FCU and I had a for real qso on abt 7038 with 40-9er's on both ends. At 2206Z I heard him calling me, and he picked up my answer first call. There was some QRM and QSB, but he was a good 459 here. I was putting abt 12V into the 40-9er, and the meter showed near 500 mW out. At 2226Z I went to a used 9V battery, meter reading 200 mW, and we were still able to copy each other. Cool!

I think Bob was putting out 220 mW, if I copied right through the QRM. I'm really pleased with the way these little rigs work. Just might have to put it in another case.

I found what looks like a garage door opener transmitter case, not much bigger than the Altoids tin, but with a battery compartment. The key could be built into the activator button part, and it could be nearly a one hand operation. Sure hope I can get to Dayton to see all these rigs everyone has.

Now that I've made the first qso, I'll look for more.

72/73, de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Ken Newman N2CQ <103464.1355@compuserve.com>  
Subject: [6083] Weekend Hunters?  
Message-ID: <960324160934\_103464.1355\_IHI119-2@CompuServe.COM>

Recently joined to QRP-L (#399), I saw the end of the Fox Hunting for this season. Since the high number of Hunter Wannabes that work in the evening during the week, could uou consider a Sat/Sun Fox schedule for next time? We would make a lot more competition if we could get in the fray.

\*\*\*\*\*  
\*\*\*\*\*

Ken Newman - N2CQ - Woodbury, NJ - ARCI #7579 - NJ-QRP #21 - NE-QRP ???

Grid FM29jt

\*\*\*\*\*  
\*\*\*\*\*

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: N0oct@aol.com  
Subject: [6153] Where find 2-line satellite element sets?.....  
Message-ID: <960325202026\_255768000@emout08.mail.aol.com>

Am looking for a site to download, ftp or whatever 2-line satellite element sets to respond to the challenge of working Mir or the shuttle with 2-meter QRP. Would also be nice to get back on RS-12/13.

Can anybody help?

Thanks!

73, jim  
n0oct@aol.com

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Jerry Parker <jparker@fix.net>  
Subject: [6132] Wilderness Radio  
Message-ID: <199603252011.MAA08075@fletch.fix.net>

Wilderness Radio information is now available at the QRP Sites page off of the NorCal Page:

<http://www.fix.net/norcal.html>

These are the folks who handle the Sierra multiband transceiver, KC1 Keyer/Counter, and the revised NorCal 40A.

73'es,

Jerry....WA6OWR...K

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Rich\_Stern\_at\_WFF-E105@ccmail.gsfc.nasa.gov  
Subject: [6109] WORKING HF ON CANARY IS. FOR A DOLLAR A DAY  
Message-ID: <9602258277.AA827772644@ccmail.gsfc.nasa.gov>

Author: Rich Stern at WFF-E105  
From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: wdzeares@rockdal.aud.alcatel.com  
Subject: [6126] WWW page is like a box of Chocolates, never know what you are going to get  
Message-ID: <9603251806.AA02323@aud.alcatel.com>

Hey I'm here at lunch and I have the WWW page up as usual..  
and when I click on a post, it goes out and at random picks  
something to return for reading.. not the one I selected but  
the one the machine selected for me... this is really fun...  
Just ran through the whole list and the server is working  
on the bottom 16 messages....you get what you click on but above  
that point you don't know what you are going to get  
72 dennis k3ets dallas

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Buck Switzer <n8cqa@sun.tir.com>  
Subject: [6133] Yo Jim Fitton W1fmr  
Message-ID: <9603252003.AB12308@sun>

Sorry to use the bandwidth. Jim F. your mailbox is bouncing mail. Please get  
in touch with me re: forums.

73 Buck

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: QLF%mini@magic.itg.ti.com  
Subject: [6128] re: 40-9'er KEY CLICKS  
Message-ID: <9603251855.AA29340@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: 40-9'er KEY CLICKS

On 15 March, John, AB6DG wrote about his 40-9'er QSO with Pete, W6ZH:

> . . . both of us are experiencing REAL BAD clicks in earphones when keying.

Has anyone else experienced this, and has anyone found a resolution?

73's

Brad, WB0CGH

\*\*\*\*\*

Brad Bradfield, PE	Electrical Design Engineer
108 Forestwood	Texas Instruments, Inc.
Corinth, TX 76205	
	(H) 817-321-2960
QLF@MSG.TI.COM	(W) 214-462-6230

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member      QRP-L #377      SMIRK #4906      IEEE(M)

Collector of wireless and landline Morse keys and accessories.

\*\*\*\*\*

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: burdick@interval.com (Wayne Burdick)  
Subject: [6105] re: 40-9er  
Message-ID: <199603250658.WAA10675@interval.interval.com>

Thank \*you\* Bill for putting in the effort to build and tweak the little rig. If I had known Doug was going to kit over 200 of them I would have spent more than two days on it ;) It's fun watching all the traffic about the 40-9er on the net, and gratifying that others have as much fun as I do learning what effects various optimizations have.

At my talk on Friday at the EMARC club, someone mentioned that he wanted a rig his 14-year-old daughter could build and easily get working. The 40-9er isn't quite it, but with the addition of a few parts and a manual it could be. If you have suggestions for what features to add to this critter without cluttering it up, let me know. Perhaps it could become a Wilderness kit--the really \*low\* end of the product line.

You get the prize for correct spelling of the rig's name, by the way. I was about to throw in the towel and use the "common" spelling. :)

73,  
Wayne  
N6KR

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Steve Bornstein <saborn@sreenet.columbus.oh.us>  
Subject: [6114] Re: 49er  
Message-ID: <Pine.3.07.9603250931.A19528-9100000@acme>

Hello Fellow Mint Junkies,

Has anyone come up with a source for a variable cap for tuning the little rig?  
It doesn't have to fit in the Altoids box.

BTW - Has anyone considered the possibility that this whole thing is some sort  
of grand marketing scheme for Altoids? Actually I've enjoyed them for  
years and now have a use for all those little boxes!

73, Steve  
K8IDN QRP-L #331

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: mizrahi@svlhp8.scs.philips.com  
Subject: [6138] RE: 49er (40-9er)  
Message-ID: <9603251926.AA00612@svln20.scs.philips.com>

Dough Hendricks wrote:

> Plus, I must publicly apologize to Wayne. I am the one who first  
> used the spelling 49er, and I must say that it is easier to type. It  
> was done subconsciously I guess, as I only live 150 miles from  
> Candlestick or 3-Com or whatever they call the place where the 49ers  
> play.

Actually I thought that '49er' is real cute, and planned on painting  
the box with the 49'ers color scheme...  
Now we have to live with '40-9er', which is not intuitive for me, I guess.  
That's because as I look at it I think intuitively 40-9=31 !!!  
How about calling it the '31st' guys ?!

I'll stick with the color scheme, whatever the name is...

ORI AC6AN

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "N100Q Tom R. @ MR01 25-Mar-1996 0853" <randolph@est.ENET.dec.com>  
Subject: [6111] re: ARRL RADIO DESIGNER  
Message-ID: <9603251407.AA25492@us4rmc.pko.dec.com>

> Has anyone out there use the radio designer software from the ARRL. I  
> have used ORCAD, SPICE, TSPICE and Electronic Workbench before. How does  
> the ARRL product compare? How might it evaluate the 49-er circuit?

I'd also be interested in comments on the ARRL programs. I get to use some slick commercial versions of SPICE here at work. I've put a bunch of RF circuits through it. It's really handy for tweeking parts values in LC filters and such. It's not very useful for evaluating intermod products in your latest high-intercept amplifier design... it will do harmonic and IMD evaluations and give you some numbers, but they seem to be bogus. There are simulators out there that can do non-linear effects, but they're not for casual users like us (\$\$\$\$\$\$)!

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "Ray D. Oh" <peabody@chumash.snfc21.pbi.net>  
Subject: [6097] Re: DC Electronics address  
Message-ID: <199603250135.RAA22389@PBINET.com>

At 07:02 AM 3/24/96 -0600, you wrote:

>All;

>

>I tried to send an order to DC Electronics at a PO box I saw on  
>qrp-Limericks and it came back with a note that the PO box was not right.  
>Would some kind soul please post the address for DC again?

Hi Harley,

Here's the address for DC Electronics...

P.O. Box 3203  
Scottsdale, AZ 85271-3203

Have fun!



From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "Robert J. Gobrick" <rgobrick@nfld.com>  
Subject: [6147] Re: Envirotronic diagram in ASCII  
Message-ID: <2.2.32.19960324232040.0074733c@public.compuser.net>

Geez Chuck,

By the time it took you to do those 3-D ASCII renditions of the Envirotronic Paddle (probably at two in morning knowing your qrp habits) you could have got on your jogging shoes, waddled down to your local Electronic Boutique, Babbages etc and picked up one of those \$99 dollar QuickCam golf ball b/w cameras for your PC and made a BMP or TIFF file, put it on ftp://lehigh.edu site and been done with it (easier said than done).

I am anxiously waiting to see a "real" picture of the new Paddle on the ftp site - hi.

By the way, on an "impulse buy" I picked up one of those golf ball cameras and they are neat. Next I need to set up my tripod and get a nice "burba" carpet background like you use and take some "images" of the toys around the shack here. By the way has anyone else made an "impulsive" buy of one of those QuickCam (by Connectix) cameras. Maybe we can start a "qrp camera" club here...

73/72 Bob V01DRB/WA6ERB

At 00:13 3/25/96 GMT, you wrote:

>

>Gang,

>

>On the Envirotronic Paddle, it was not my intention

>to give you a construction manual. :-) Here is

>an ASCII rendition from the top until I can get a

>photo at ftp.lehigh.edu.

>dit dit

>--

>Chuck Adams (K5FO CP-60) adams@sgi.com

>Box 181150, Dallas, TX 75218-8150

>

>

---

```
| Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRP'er Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@nfld.com |
|                bgobrick@nlnet.nf.ca |
| Compuserve:   70466.1405@compuserve.com |
|-----|
```

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Rich Mulvey <mulveyr@vivanet.vivanet.com>  
Subject: [6081] Re: flexible, light, small wire  
Message-ID: <199603241602.LAA02405@ll.aa2ys.ampr.org>

>  
> (I'm certain that this has been discussed before but I missed it.)  
>  
> I am looking for a source of lightweight, nearly invisible, flexible  
> antenna wire for covert hotel operating. How is the "flex weave" wire?  
> Any other suggestions? Ideally 33 ft. of this wire could be coiled up  
> and fit into an Altoids box.

Well, Flex-Weave is certainly flexible, but as unobtrusive as a bull  
in a china shop. :-) I believe the roll I have is about 14awg, and  
very shiny. :-)

You might try to locate some 18 or 22awg teflon-coated wire.

- Rich

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: N5EM@aol.com  
Subject: [6120] Re: flexible, light, small wire  
Message-ID: <960325111335\_255384836@emout04.mail.aol.com>

In a message dated 96-03-25 10:22:16 EST, you write:

>  
>Well, Flex-Weave is certainly flexible, but as unobtrusive as a bull  
>in a china shop. :-) I believe the roll I have is about 14awg, and  
>very shiny. :-)  
>  
> You might try to locate some 18 or 22awg teflon-coated wire.  
>  
>- Rich

>  
>

14 is pretty big but they make the flex-weave in a #26 with the same black insulation for stealth installations or for backpacking. Claimed to be very strong for it's size. I plan to buy some in Dayton at a show discount (hope, hope).

Ed

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Steve Bornstein <saborn@saborn@freenet.columbus.oh.us>  
Subject: [6122] Re: flexible, light, small wire  
Message-ID: <Pine.3.07.9603251259.A2833-a100000@acme>

On Sun, 24 Mar 1996, Rich Mulvey wrote:

> >  
> > (I'm certain that this has been discussed before but I missed it.)  
> >  
> > I am looking for a source of lightweight, nearly invisible, flexible  
> > antenna wire for covert hotel operating. How is the "flex weave" wire?  
> > Any other suggestions? Ideally 33 ft. of this wire could be coiled up  
> > and fit into an Altoids box.  
>  
> Well, Flex-Weave is certainly flexible, but as unobtrusive as a bull  
> in a china shop. :-) I believe the roll I have is about 14awg, and  
> very shiny. :-)  
>  
> You might try to locate some 18 or 22awg teflon-coated wire.  
>  
> - Rich  
>

Someone mentioned to me the other day that there is a type of metal fishing line that is suitable for antenna work. I guess that it is used for big game fish. Does anyone on the coast know of such line?

- Steve

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996

From: Kevin Muenzler <muenzlerk@uthscsa.edu>  
Subject: [6135] RE: flexible, light, small wire  
Message-ID: <01BB1A4E.FB407F60@muenzlerk.uthscsa.edu>

Steve Bornstein[SMTP:saborns@freenet.columbus.oh.us] wrote:

>On Sun, 24 Mar 1996, Rich Mulvey wrote:

>

>> >

>> > (I'm certain that this has been discussed before but I missed it.)

>> >

>> > I am looking for a source of lightweight, nearly invisible, flexible  
>> > antenna wire for covert hotel operating. How is the "flex weave" wire?  
>> > Any other suggestions? Ideally 33 ft. of this wire could be coiled up  
>> > and fit into an Altoids box.

>>

>> Well, Flex-Weave is certainly flexible, but as unobtrusive as a bull  
>> in a china shop. :-) I believe the roll I have is about 14awg, and  
>> very shiny. :-)

>>

>> You might try to locate some 18 or 22awg teflon-coated wire.

>>

>> - Rich

>>

>

>Someone mentioned to me the other day that there is a type of metal  
>fishing line that is suitable for antenna work. I guess that it is used  
>for big game fish. Does anyone on the coast know of such line?

>

>- Steve

>

I think what you are talking about is steel leader wire. It is very flexible and strong but it is not light nor cheap. Usually it is a forty gauge wire that is braided (7) to form a larger strand. This strand is braided with others just like it (5) to form about an eighteen gauge steel "rope". Strong but too heavy for antenna wire.

Kevin, WB5RUE  
muenzlerk@uthscsa.edu  
wb5rue@amsat.org

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: kf8at@detroit.ampr.org

Subject: [6143] RE: flexible, light, small wire  
Message-ID: <1111@detroit.ampr.org>

(included mssg follows)

Steve Bornstein[SMTP:saborns@freenet.columbus.oh.us] wrote:

>On Sun, 24 Mar 1996, Rich Mulvey wrote:

>

>> >

>> > (I'm certain that this has been discussed before but I missed it.)

>> >

>> > I am looking for a source of lightweight, nearly invisible, flexible  
>> > antenna wire for covert hotel operating. How is the "flex weave" wire?  
>> > Any other suggestions? Ideally 33 ft. of this wire could be coiled up  
>> > and fit into an Altoids box.

>>

>> Well, Flex-Weave is certainly flexible, but as unobtrusive as a bull  
>> in a china shop. :-) I believe the roll I have is about 14awg, and  
>> very shiny. :-)

>>

>> You might try to locate some 18 or 22awg teflon-coated wire.

>>

>> - Rich

>>

>

>Someone mentioned to me the other day that there is a type of metal  
>fishing line that is suitable for antenna work. I guess that it is used  
>for big game fish. Does anyone on the coast know of such line?

>

>- Steve

>

I think what you are talking about is steel leader wire. It is very flexible and strong but it is not light nor cheap. Usually it is a forty gauge wire that is braided (7 to form a larger strand. This strand is braided with others just like it (5) to form about an eighteen gauge steel "rope". Strong but too heavy for antenna wire.

Kevin, WB5RUE  
muenzlerk@uthscsa.edu  
wb5rue@amsat.org

(included mssg ends)

With regard to stainless steel leader wire for the purposes of RF radiation, my recommendation is not to waste your time or money! I can say "Been there, Done that"; and it doesn't work! I had the opportunity to put up a ss 75 meter dipole and compare it directly to one of my "clandestine" 24 awg stranded copper 75 meter dipoles. There was absolutely no comparison! In xmt and rcv, the ss antenna was many S units down. I was told this by a couple antenna experts, but noooooooooooooo, I had to find out for myself the hard way!

SS wire has so much resistance (ohmic) that it is not suitable for antenna use. If you have the chance to do it, take a length of ss wire (I just happened to have a 62.5' piece handy!), and measure its resistance. Then take a similar length of copper wire (I just happened to have a 62.5' piece of that handy too!) and measure it! You will then see why no one makes antennas out of ss wire! (SS whips is not included in this discussion)

Hope this saves someone some needless work!

73,  
Floyd, KF8AT  
QRP-L #392

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "John Kirk, VE6XT" <jakirk@freenet.calgary.ab.ca>  
Subject: [6155] Re: flexible, light, small wire  
Message-ID: <Pine.A32.3.91.960325184625.33786A-1000000@srv1.freenet.calgary.ab.ca>

Don't use fishing line! I made a 80 mtr 1/4 wave out of it once, and couldn't understand why nobody came back to my cq's - qro, too. I took it down and measured it with an ohm meter. Yep, 52 ohms on the nose! I had just built the worlds longest dummy load. Beautiful match, though...  
John

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Pat Taber <ptaber@logiccraft.com>  
Subject: [6086] Re: It sure is Friday out! (take II)  
Message-ID: <199603241843.NAA59381@nss2.CC.Lehigh.EDU>

> Now stop, just S T O P this before it gets out of hand.  
>

>a card-carrying member of the QRP police,  
>Glen VE3DNL  
> ObQRP:  
> No fox heard last night, but boy, the band was 'ahoppin here  
>in snowy Hamilton.

A V-E-3 hunter of fox  
Thought he'd put the lid on the box  
Of Q-R-P-L  
Before out broke all hell  
By calling the limeric cops.

>>>==>PStJTT

```
=====
Patrick Taber                      Email: ptaber@logiccraft.com
Principal Software Engineer        Phone: (603) 880-0300
Logiccraft Information Services    Fax: (603) 880-7229
22 Cotton Road
Nashua N.H. 03063                 Also known as: KC1TD
```

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: burdick@interval.com (Wayne Burdick)  
Subject: [6144] Re: J309/310 (not!) and the 40-9er  
Message-ID: <v02130514ad7cd35cfbec@[199.170.106.28]>

Darrel,

The \*only\* recommended JFETs for the 40-9er are the J309, 2N5484 and 2N548. These all have 3 or 4 volts worst-case pinch-off voltage (Vp). If you use the J310 or other JFETs that have higher Vp, you'll have to hand-pick them for suitability in the 40-9er. If the Vp is too high the JFET will not cut off the audio and the QSK will thus not be very effective.

The J309, '5484 and '5485 are \*identical\* in their pin-outs. These are all "GSD/123," to use your terminology (orientation: with JFET laying on a surface flat-side down, pins facing you, pin 1 is on the left).

On the subject of crystal-choke-trimmer, this is a series circuit so you can use whatever works best. I'd put the rotor of the trimmer to ground so that even a metallic tuning tool can be used. Better yet, epoxy a shaft to the trimmer and let that stick up out of the box.

Also remember that if you use a trimmer with a minimum capacitance of less

than about 5pF, you may have to put a 5pF fixed cap in parallel with it. Otherwise, at the low end of the trimmer's range the oscillator may stop when you transmit, or at best the transmitted power will decrease significantly.

73,  
Wayne  
N6KR

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "Robert J. Gobrick" <rgobrick@nfld.com>  
Subject: [6146] Re: Kenwood TS-50 QRP Info  
Message-ID: <2.2.32.19960324232044.00739d58@public.compuser.net>

Hi Ron,

There is an easy way to adjust the TS-50 for a 5 watt level. Many moons ago I wrote an article called "Honey I Shrunk the Rig" (yes a "period" piece) and I think it was published in the QRP Quarterly and elsewhere (I can't find my copy). It also showed up on the QRZ CD ROM under equipment mods section and just recently the article was pirated in the Australian Magazine "Radio and Communications" (the only ham mag I've seen to be able to "lift" an article, change a few words to Aussify it and publish it as original material :^)

Anyway see if you can trace it down since it tells you how to adjust VR15 to get the 10 watts low setting down to 5 watts.

Good luck - 73/72 Bob V01DRB/WA6ERB

At 10:20 3/25/96 PST, you wrote:

>I am looking for info on how to lower the power level of a Kenwood TS-50 to  
>qrp levels by using the ALC input. I have tried circuits using neg 9 volts  
>to the ALC input and they do not seem to work with the TS-50.

>

>Thanks,

>Ron Thomas

>W8QYR

>

---

	Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada	
	QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP	



```
|      Internet:    rgobrick@nfld.com      |
|                  bgobrick@nlnet.nf.ca   |
|      Compuserve:  70466.1405@compuserve.com |
|-----|
```

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Steven Wilson <randyw@crl.com>  
Subject: [6150] Re: Long Wire  
Message-ID: <Pine.SUN.3.91.960325154827.24420A-100000@crl7.crl.com>

On Tue, 14 Jan 1997 cookes@pop.jaring.my wrote:

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> Hi Fellow Qrper,
>
> Has any one use a long wire + tuner before. What is the ideal length to work
> all band? Comments & suggestion
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I have been using a 200 ft long wire with a rollar inductor tuner for the past year. I have used it on 160, 80, 40 and 20 meters CW and SSB. It works well with a good ground system. In fact I recently added a counterpoise and the performance on receiver improved 10 fold. Did not notice much difference on xmit. My antenna is end fed, I bring the feed line into the house via the basement (about 30'). It attracts static electric, must be dis-connected during storms, etc. At 200 ft the voltage node must be outside of the house, with shorter lengths I had a lot of RF in the shack. I am going to change over to a open wire fed windom in the next few weeks so I can change over to a balun and bring coax into the house. de stan ak0b

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: "P.F. Coppin" <coppin@freenet.hamilton.on.ca>  
Subject: [6127] Re: Novice Crystals Wanted  
Message-ID: <Pine.SOL.3.91.960325131424.6154A-100000@james.freenet.hamilton.on.ca>

On Sun, 24 Mar 1996, Doug Hendricks wrote:

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> Does anyone know of a source of crystals other than international? I
> am looking for one of the companies that make computer crystals. Why?
> NorCal would like to purchase a large quantity of Novice band crystals
> for 40 meters. It has been suggested that 7.022 would make an excellent
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> Novice crystal on 40 as it is free from broadcast interference. If you  
> can help us out, we would appreciate it. I know there are sources out  
> there, because Danny Stevig told me that he had an offshore source that  
> would do any frequency to his specs at a reasonable rate if the quantity  
> was there. Any of you guys able to help? Thanks and 72, Doug, KI6DS  
>  
>

Greetings to all:

Doug -you might want to contact LESMITH CRYSTALS,  
54 Shepherd Road,  
Oakville, Ontario  
L6K 2G5  
(905) 844-4505  
(905 844-2274 Fax

They are a custom cutter of crystals, and have been cutting ham crystals  
since Marconi was a pup. Don't have any idea on pricing for bulk orders  
but with the current US/Canada xchange rate might be a deal.

While I have your attention ( well some of you anyway!) has any one seen  
or heard of a current address for the Crystal (Radio) Club of America ( or  
similar name, A friend feels the need to digress a bit Hi!)

Thanks es 73 (72? QRP needn't take a step back for anybody) De Paul VE3PFT

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-:-:- PAUL F. COPPIN
coppin@freenet.hamilton.on.ca
-:  :-  -:-:-  -:-:-  VE3PFT/VA3RSI  CFH5391/MM
-:  :-  -:  :-  -:  :-  ::  VE3PFT@VE3DTV.#scon.on.ca.na
-:-:-:-:-: -:-:-:-: -:-:-:-: -:-:-: -:-:-: VE3PFT@VE3PFT-2.#scon.on.ca.na
          -:  -:  ve3pft@port.ve3mch.ampr.org
          -:  -:  ve3pft@ve3pft.ampr.org
```

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: johnh@mdhost.cse.tek.com  
Subject: [6134] Re: R5 CONFUSION  
Message-ID: <9603251833.AA12182@baker.CSE.TEK.COM>

I don't know why any of you want to fool with an R5 or R7.  
Check the 'April' QST for the R7000.

I'll get mine as soon as HRO has them in stock :-)

73 John K7SII

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: aa7qy@primenet.com (Roger Hightower)  
Subject: [6156] Re: R5 CONFUSION  
Message-ID: <199603260315.UAA12427@usr4.primenet.com>

At 10:33 AM 3/25/96 PST, johnh@mdhost.cse.tek.com wrote:

>

>I don't know why any of you want to fool with an R5 or R7.

>Check the 'April' QST for the R7000.

>I'll get mine as soon as HRO has them in stock :-)

>

Check out their web page at <http://www.cushcraft.com> for detailed info on the R-7000

It's really an R-7 with redesigned traps (more streamlined) but a lot more \$\$\$. No price on the 80M add-on kit. Tuning procedure is the same as for the R-5/R-7.

72/73, de Roger, AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
Subject: Re[2]: CANARY ISLANDS/ EA7-LAND/ TRIP UPDATE

From owner-qrp-1@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: stelpony@ix.netcom.com (Steel Pony)  
Subject: [6102] Re: RS speaker amp  
Message-ID: <199603250358.TAA04323@ix3.ix.netcom.com>

Hi Gang:

Been reading some of the posts about the use of the Radio Shack Speak-

er Amp.

In Ed Gellender's Nov. '86 article " a simple 80-meter receiver" published in Ham Radio, Ed mentions the audio of the model 277-1008b and it's wide response. He suggests replacing the .0033 mfd cap (near the transistor) with a .01 mfd. cap. This will reduce the response to 3kHz

BTW- It's an article describing a rock-bound(colorburst) 80m receiver with just a few parts.

The R/S amp squeels like a pig when you use it with a xcvr. "beads" everywhere tends to help. If you can't find beads, try the hex slugs out of a high-frequency if can. TV's are loaded with 'em.

72, John- N5INZ

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: prvalko <prvalko@oakland.edu>  
Subject: [6125] Re: Sorry! I just had to.  
Message-ID: <Pine.OSF.3.91.960325125953.9181B-100000@saturn.acs.oakland.edu>

On Mon, 25 Mar 1996, Nick Franco wrote:

> I belong to the QRP-L  
> The info and member are swell  
> There's projects galore  
> Poems and weather reports  
> What's next - you never can tell!

It needs to be uttered once more,  
"Leave the humor to Pros, por favor!"  
The problem you see,  
is you MUST rhyme line THREE  
with whatever you say in line FOUR!

73! =paul= wb8zjl

From owner-qrp-l@Lehigh.EDU Mon Mar 25 22:04:25 1996  
From: Jim Eshleman <lujce@hooch.cc.lehigh.edu>  
Subject: [6129] Re: WWW page is like a box of Chocolates, never know what you are going to get  
Message-ID: <96Mar25.141034est.57461-11573+68@hooch.CC.Lehigh.EDU>

> Hey I'm here at lunch and I have the WWW page up as usual..  
> and when I click on a post, it goes out and at random picks  
> something to return for reading.. not the one I selected but  
> the one the machine selected for me... this is really fun...  
> Just ran through the whole list and the server is working  
> on the bottom 16 messages....you get what you click on but above  
> that point you don't know what you are going to get  
> 72 dennis k3ets dallas

Dennis,

Try reloading the index page. If your browser is caching the page and the index gets rebuilt (happens at 1230EST by the way) then you will have problems. Either turn off caching or reload the index page manually.

73

Jim N3VXI